ABSTRACT

The invention concerns a soil working machine, particularly a precision tiller, comprising a chassis (1) equipped with tillage implements provided in the form of at least one, preferably two successive train(s) of non-driven discs (2, 3) and of at least one deflecting device (4) serving to break the flow of soil projected by the discs (2) of one of the trains of discs (2, 3) and to ensure a leveling of the soil on the ground. The inventive machine is characterized in that the deflecting device (4) is, in its working part corresponding to the area struck by a flow of soil, comprised of a number of plates (5) that can vibrate in order to facilitate a separation of the soil from these plates. Said plates (5) are arranged side-by-side in the direction of the width of the machine and are designed so they cover at least 45 % of the total working width of the machine.